K013156

OCT 1 9 2001

CONFIDENTIAL
Data Critical Corporation
AlarmView™ Wireless Network System
Special 510(k): Device Modification

510(k) SUMMARY

This 510(k) summary is submitted in accordance with 21 CFR 807.92.

Submitter's Name:	Data Critical Corporation
Submitter's Address:	19820 North Creek Parkway Bothell, WA 98011
Telephone:	425-482-7000
Fax:	425-482-7010
Contact Person:	Teresa M. Davidson
Date Prepared:	September 20, 2001
Device Trade Name:	AlarmView™ Wireless Data Network System
Device Classification Name:	System, Network and Communication, Physiological Monitors
Device Classification:	Class II
Predicate Device(s):	AlarmView™ Wireless Data Network System K012005

Device Description
The modified AlarmView™ Wireless Data Network System is a low powered local area wireless paging system that provides secondary annunciation of primary medical device alarms via wireless communication devices carried by healthcare professionals.

Intended Use
- The AlarmView™ Wireless Data Network System is for use in real-time monitoring of routine patient status and alarm events on medical devices. It serves as a parallel, redundant mechanism to inform the clinical staff of patient events. The AlarmView™ System provides a secondary means of annunciating and displaying patient alarm information to mobile healthcare professionals.
- The AlarmView™ System is limited to use by qualified medical professionals who have been trained on the use of the device. It is for use in hospital and hospital type environments and is not for home use.
- The AlarmView™ System is to supplement and not replace any part of the current device monitoring procedure.
- The AlarmView™ System is not considered in and of itself to be diagnostic without skilled interpretation and does not replace physician's care.

Performance Data
The safety and effectiveness of the modified AlarmView™ Wireless Data Network System described in this submission has been demonstrated through risk analysis and verification and validation testing. Test results demonstrated that the modified AlarmView™ Wireless Data Network System, functionality and safety characteristics are substantially equivalent to the predicate device.

Conclusions
Based on the information provided in this submission, the modified AlarmView™ Wireless Data Network System is substantially equivalent to the predicate device and does not raise new issues of safety and effectiveness.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

OCT 1 9 2001

Ms. Teresa M. Davidson
Director of Regulatory Affairs and Quality Assurance
Data Critical Corporation
19820 North Creek Parkway
Bothell, WA 98011

Re: K013156
Trade Name: AlarmView™ Wireless Data Network System
Regulation Number: 21 CFR 870.2300
Regulation Name: Cardiac Monitor
Regulatory Class: Class II (two)
Product Code: MSX
Dated: September 20, 2001
Received: September 21, 2001

Dear Ms. Davidson:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

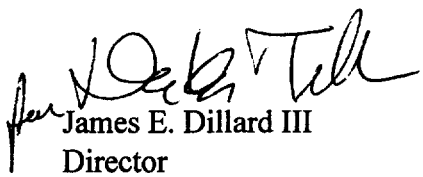
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4646. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/dsma/dsmamain.html

Sincerely yours,



James E. Dillard III
Director
Division of Cardiovascular
and Respiratory Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

INDICATIONS FOR USE STATEMENT

510(k) Number: K013156

Device Name: **AlarmView™ Wireless Data Network System**

Indications For Use:

The AlarmView™ Wireless Data Network System is for use in real-time monitoring of routine patient status and alarm events on medical devices. It serves as a parallel, redundant mechanism to inform the clinical staff of patient events. The AlarmView™ System provides a secondary means of annunciating and displaying patient alarm information to mobile healthcare professionals.

The AlarmView™ System is limited to use by qualified medical professionals who have been trained on the use of the device. It is intended for use in hospital and hospital type environments and is not for home use.

The AlarmView™ System is to supplement and not replace any part of the current device monitoring procedure.

The AlarmView™ System is not considered in and of itself to be diagnostic without skilled interpretation and does not replace physician's care.

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Division of Cardiovascular & Respiratory Devices
510(k) Number K013156

Prescription Use X OR Over-The-Counter Use _____
(Per 21 CFR 801.109)